

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (previously presented): A modular endovascular graft device for treating vasculature, comprising:

a first graft component having a first wall; and

a second graft component having a second wall, the second graft component including a frame with a plurality of radially extending components which upon assembling the first and second components, at least one of the plurality of the radially extending components extends through both the first wall and the second wall, and further including a plurality of pre-fabricated holes, at least one pre-fabricated hole being in alignment with one radially extending component.

Claim 2 (previously presented): The device of claim 1, wherein the frame is in the form of a self-expanding stent.

Claim 3 (canceled)

Claim 4 (previously presented): The device of claim 1, wherein the plurality of radially extending components are in the form of hooks or barbs.

Claim 5 (previously presented): The device of claim 4, wherein the hooks or barbs have sharpened points.

Claim 6 (previously presented): The device of claim 4, wherein the hooks or barbs are pointed in a caudal direction.

Claim 7 (previously presented): The device of claim 1, wherein the radially extending component has a length sufficient to extend through the wall of the first graft component and into a wall of vasculature.

Claim 8 (previously presented): The device of claim 1, the first graft component further comprising a superior end and an inferior end, the inferior end including at least one limb support section.

Claim 9 (previously presented): The device of claim 1, wherein the first graft component is bifurcated.

Claim 10 (previously presented): The device of claim 1, wherein the second graft component has a tubular configuration.

Claim 11 (previously presented): The device of claim 1, wherein the second graft has a proximal end and distal end, the distal end including a self-expanding stent.

Claim 12 (previously presented): The device of claim 1, further comprising fuzzy tufts of yarn configured at a junction between the first and second components.

Claim 13 (previously presented): The device of claim 1, further comprising additional graft components, each having a wall and including a frame with a plurality of radially extending components which, upon assembling each additional component and the previously assembled components, at least one of the plurality of radially extending components extend through both the wall of the additional component and the wall of at least one of the previously assembled components such that a successive chain of assembled components is formed.

Claim 14 (previously presented): The device of claim 1, one or more components reinforced with a thin coating of a biocompatible elastomer applied to the graft material.

Claim 15 (previously presented): The device of claim 14, the biocompatible elastomer applied to specific areas of the graft material.

Claim 16 (previously presented): The device of claim 14, the biocompatible elastomer a polyurethane co-polymer dip-coated onto the surface of the graft material.

Claim 17 (previously presented): The device of claim 1, the graft material weave pattern of one or more components altered to provide extra strength.

Claims 18-39 (canceled)